



PID KILLER

SUCCESS STORIES

South India

Data & facts

- PV-Plant:
- Plant size: 15 MW (different modules)
 - Inverter: Central inverter (CMA cp)
 - Modules: Poly Crystalline
- Test set up:
- 1x **PADCON Float Controller CI 70**
- Test period:
01.05.2017 - 01.09.2017

Test set up:

PID was identified through I-V Curve Measurements that showed performance losses up to 14% and was validated through thermographic pictures.

The **PADCON Float Controller CI 70** was installed on one of the central inverters to show the performance increase potential and the achievable module recovery.

After a period of 4 months, the measurements showed up improvement of up to 14 % of the string packages output and an improvement up to 46% on certain modules level.

Improving module power output by 14 %

The graphic demonstrates the recovery process based on the output of the string package:

String / String package	Before	After
1	4724,9 W	5098,1 W
2	4608,0 W	5253,2 W
3	4526,1 W	5141,6 W

